ABSTRACT OF THE DISCLOSURE

A system for allowing BT, WDCT, and 802.11 transceivers to operate in close proximity with a minimum of interference, is disclosed. In an exemplary embodiment, a method for avoiding interference between a first FHSS device and other RF devices using 802.11 or FHSS protocols is disclosed. The first FHSS device initially detects the presence of an interfering RF device ("interferer"), for example a device employing 802.11 protocol, and adjusts the frequency of channels used for operation of the first device accordingly to avoid overlap with the 802.11 band. In the presence of an additional interferer, for example, a second FHSS device emitting an interfering signal, the first FHSS device may segregate its operation channels to achieve maximum frequency separation from an 802.11 and second FHSS device. In addition, the first and third devices may also multiplex their transmit/receive timing to avoid interference in time domain. By avoiding interference in time domain, first and third device can occupy the same channels in the frequency band achieving further frequency separation from the 802.11 device.